SAF-F03-025 200-LW-1/LW-2 Characterization – Soil FINAL DATA PACKAGE

FAX RESULTS TO:						
Chris Cearlock	•	<u>N/A</u>				
Mark Benecke		INITIAL/DATE N/A INITIAL/DATE				
VERIFICATION OF C	LIENT RECEIPT	` :				
Phone or CC:Mail	to Chris Cearlock					
Phone or CC:Mail	to Mark Benecke	INITIAL/DATE 01/30/04 PJE INITIAL/DATE				
MAIL COMPLETE CO	PY OF DATA PA	ACKAGE TO:				
Chris Cearlock	E6-35	SCANNED COPY SENT 01/30/04 PJE				
Mark Benecke	E6-35	INITIAL/DATE SCANNED COPY SENT 01/30/04 PJE INITIAL/DATE				
COMMENTS: (PLEAS SHEET)	E INCLUDE TH	E FOLLOWING ON THE FAX COVER				
SDG <u>H2461</u>		SAF-F03-025				
\Box Rad only \Box	Chem only R	ad & Chem				
Complete	□ Partial					

DATA PACKAGE TRAVELER SHEET								
SDG # H2461	RHA BOX #	SAF # F03-025						
SDR #(s)	SAF TITLE 200-LW-1/LW-	2 Characterization - Soil						

START/END DATE	DP PROCESS ACTION	COMMENTS						
1/22/2004 / 2/2/2004	DATA SCANNED	Rad - 01/23/04; Chem - 01/26/04; 02/02/04 (Physical Properties);						
	DATA SENT TO AR							
12/15/2003 / 1/30/2004	DELIVERY GROUP							
12/15/2003 / 1/30/2004	FINAL DATA - CHEMICAL	Chem - 01/23/04 (Data for B17RW1, B17RT0, and B17RV8 from H2470 were also included in this package); 01/30/04 (Physical Properties data);						
12/15/2003 / 1/22/2004	FINAL DATA - RADIOGHEMISTRY	Rad = 01/22/04;						
1/22/2004 / 2/2/2004	LOGIN	Rad - 01/22/04; Chem - 01/23/04; 02/02/04 (Physical Properties);						
1/22/2004 / 1/30/2004	ON HOLD (INCOMPLETE)	Still need Chemical and Physical Properties - Received Chemical 01/23/04; Received Physical Properties - 01/30/04;						
1/22/2004 /	-EDD VERIFICATION	계속하다는 전한 방향을 위한 동양이 발생하는 사람들이 하다고 하는 분들이는 이 동안 전쟁이라고 있는 것이다. 이번째 본 사고						
1/30/2004 /	TECH. VER.							
1/26/2004 / 1/26/2004	ADMIN. VER.	NO DEFICIENCIES						



Geotechnical Laboratory PO Box 4339 1570 Bear Creek Road Oak Ridge TN 37830 865/482-6497

CERTIFICATE OF ANALYSIS

Stephen Trent Fluor Hanford, Inc. 825 Jadwin Avenue Richland, Washington 99352 January 29, 2004

This is the Certificate of Analysis for the following samples:

Shaw Project ID:

Shaw Project Number:

Client Sampling Authorization Form No.

Client Sample Data Group:

Date Received by Lab:

Number of Samples:

Sample Type:

Eberline - Hanford 100846.03000000

F03-025

H2461

December 16, 2003

One (1)

Soil



Introduction/Case Narrative

One soil sample was received by the Shaw Geotechnical Laboratory on December 16, 2003. The sample was submitted for determination of particle-size distribution and moisture content. The sample number received was B17RX3.

Please see Appendix A, Sample Number Cross Reference List; Appendix B, Analysis Results; and Appendix C, Chain-of-Custody/Sample Receipt Records.

"I certify that this data package is in compliance with the SOW, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or a designee, as verified by the following signature."

Reviewed and Approved:

Ralph Cole

Laboratory Manager, Geotechnical Services

Page 2 of 14
January 29, 2004
Stephen Trent
Fluor Hanford, Inc.
Shaw Project Name: Eberline Hanford
Shaw Project No. 100846.03000000
SAF No. F03-025

SDG No. H2461

Shaw Geotechnical Laboratory Oak Ridge TN 865/482-6497

II. Analytical Results/Methodology

REFERENCES: United States Army Corps of Engineers (USACE), Engineer Manual 1110-2-1906, Laboratory Soils Testing, appendix II, 1970; United States Environmental Protection Agency, SW846, Test Methods for Examining Solid Waste, Physical/Chemical Methods, 3rd ed., Nov 1986 (EPA SW-846). Annual Book of ASTM Standards, Section 4, Construction, Volume 04.08, Soil and Rock (I), and Volume 04.09, Soil and Rock (II), 2003. Shaw Environmental and infrastructure, Standard Operating Procedures.

Particle-Size Distribution of Soils	ASTM D 422
Moisture Content of Soil and Rock	
Bulk Density	
•	USCAE 1110-2-0906

III. Quality Control

Quality control checks such as duplicates and spikes (QC samples), are not normally applicable to geotechnical testing. This is due largely to the inability of obtaining samples with known characteristics, the heterogenous nature of the samples, and quality control procedures built-in to the analytical method.

QC measures to ensure accuracy and precision of test results include the following:

- 100% verification of all numerical results raw data entries, transcriptions and calculations entered by lab technicians are checked, recalculated and verified. Most data calculations are performed by computer programs.
- Data validation through test reasonableness summaries of all test results for individual reports are reviewed to determine the overall reasonableness of data and to determine the presence of any data that may be considered outliers.
- Quality control procedures are built into most standardized geotechnical procedures. For example, liquid limit and plastic limit analyses call for re-analyses and specify acceptance criteria.
- Routine instrument calibration instruments, gauges and equipment used in testing are calibrated on a routine basis. All instrument calibration follows ASTM or manufacturer guidelines.
- Maintenance of all past calibration records calibration records and certification documents of all instruments, gauges and equipment are updated routinely and maintained in the Quality Control Coordinators Quality/Operations files.

Page 3 of 14 January 29, 2004 Stephen Trent Fluor Hanford, Inc. Shaw Project Name: Eberline Hanford Shaw Project No. 100846.03000000 SAF No. F03-025

SDG No. H2461

Shaw Geotechnical Laboratory Oak Ridge TN 865/482-6497

- Certified and trained personnel all technicians are certified by the National Institute for Certification of Engineering Technicians (NICET) in geotechnical soil testing, and are trained in the application of standard laboratory procedures for geotechnical analyses as well as the quality assurance measures implemented by Shaw.
- Quantitative analyses frequently used in geotechnical/physical testing programs do not use QC tools common to wet chemistry or radiochemistry laboratories. Measures not employed in the analysis of samples reported in this report include: laboratory control samples (LCS), blanks, matrix spikes (MS), duplicate analyses, dilutions, digestions, correction factors, surrogate sample analyses, detection limit determinations, control charts, and/or tentatively identified compounds (TICs).

IV. Data Qualification

Two moisture content results are reported. One data page reports the moisture content of a sample aliquot submitted for "moisture content" determination. The second moisture result is reported on the grainsize report sheet, and was determined using excess material from the grainsize test specimen.

The bulk density test method requested was ASTM D 2937, Density of Soil In-Place by the Drive-Cylinder Method. This method covers field procedures used to procure undisturbed, near-surface soil samples, as well as analysis for bulk density. The data results presented here were derived form laboratory tests performed on client-supplied core (tube) samples. Shaw Environmental was not involved in sampling activities.

Appendix A Sample Cross-Reference List Page 4 of 14 January 29, 2004 Stephen Trent Fluor Hanford, Inc.

Shaw Project Name: Eberline Hanford Shaw Project No. 100846.03000000 SAF No. F03-025

SDG No. H2461

Shaw Geotechnical Laboratory Oak Ridge TN 865/482-6497

SAMPLE NUMBER CROSS-REFERENCE LIST

LAB SAMPLE NO.	CLIENT SAMPLE NO.	MATRIX
BC0258	.B183P5	Soil

Appendix B
Sample Test Results

Page 5 of 14 January 29, 2004 Stephen Trent Fluor Hanford, Inc.

Shaw Project Name: Eberline Hanford Shaw Project No. 100846.03000000

SAF No. F03-025 SDG No. H2461 Shaw Geotechnical Laboratory Oak Ridge TN 865/482-6497

MOISTURE CONTENT

PROJECT NAME

Eberline - Hanford

PROJECT NUMBER

100846.03000000

IT LAB SAMPLE NO.	CLIENT SAMPLE NO.	MOISTURE, % ASTM D 2216	MOISTURE, % SW846	SOLIDS, % SW846
BC0252	B17RX3	2.6	2.6	97.4
	·			
-				

ASTM/D 2216 results are based on dry sample weight. SW846 results are based on wet sample weight. Solids content is determined by subtracting the SW846 moisture (%) from 100. Page 6 of 14 January 29, 2004 Stephen Trent Fluor Hanford, Inc.

Shaw Project Name: Eberline Hanford Shaw Project No. 100846.03000000

SAF No. F03-025 SDG No. H2461 Shaw Geotechnical Laboratory Oak Ridge TN 865/482-6497

BULK DENSITY/DRY DENSITY EM-1110-2-1906, APPENDIX II

PROJECT NAME:

PROJECT NUMBER:

Eberline - Hanford

100846.03000000

LAB	CLIENT	AVERAGE	AVERAGE	WET	MOISTURE	BULK	DRY
SAMPLE	SAMPLE	LENGTH,	DIAMETER,		CONTENT,	DENSITY,	DENSITY,
NUMBER	NUMBER	inches	inches	grams	%	pcf	pcf
BC0252	B17RX3	5.9670	3.8520	2076.24	2.6	113.8	110.8
		· · · · · · · · · · · · · · · · · · ·					
							1

						,	
							<u></u>

Moisture content calculated by ASTM D 2216 based on sample dry weight.

Bulk density is the weight of wet sample divided by the volume of the wet sample (as-received).

Dry density is the weight of the dry sample solids divided by the volume of the original sample.

Page 7 of 14 January 29, 2004 Stephen Trent Fluor Hanford, Inc. Shaw Project Name: Eberlir

Shaw Project Name: Eberline Hanford Shaw Project No. 100846.03000000

SAF No. F03-025 SDG No. H2461 Shaw Geotechnical Laboratory Oak Ridge TN 865/482-6497

PARTICLE-SIZE ANALYSIS ASTM D 422

Project Name

Eberline - Hanford

Client Sample No.

B17RX3

Project No.

100846.03000000

Lab Sample No.

BC0252

Specific Gravity = 2.65 assumed for calculations

Moisture Content = 2.6% based on dry sample weight

SIEVE ANALYSIS

	Sieve	Diameter	Percent		
С	No.	mm	Finer		
0	3"	75.000	100.0%		
Α	1.5"	37.500	100.0%		
R	0.75"	19.000	100.0%		
S E	0.375"	9.500	100.0%		
-	#4	4.750	100.0%		
	#10	2.000	100.0%		

	Sieve	Diameter	Percent		
	No.	mm	Finer		
F	#20	0.850	99.3%		
1	#40	0.425	94.3%		
N	#60	0.250	80.5%		
Ε	#100	0.149	58.1%		
	#140	0.106	45.4%		
	#200	0.075	36.6%		

HYDROMETER ANALYSIS

	Diameter	Percent
	mm	Finer
Н	0.06393	24.0%
Y D	0.04787	17.0%
R	0.03496	13.1%
0	0.02262	9.6%
M	0.01326	7.4%
E	0.00947	6.1%
Ė	0.00679	3.9%
R	0.00478	3.1%
	0.00332	2.2%
	0.00139	1.7%

0.0% Gravel

63.4% Sand

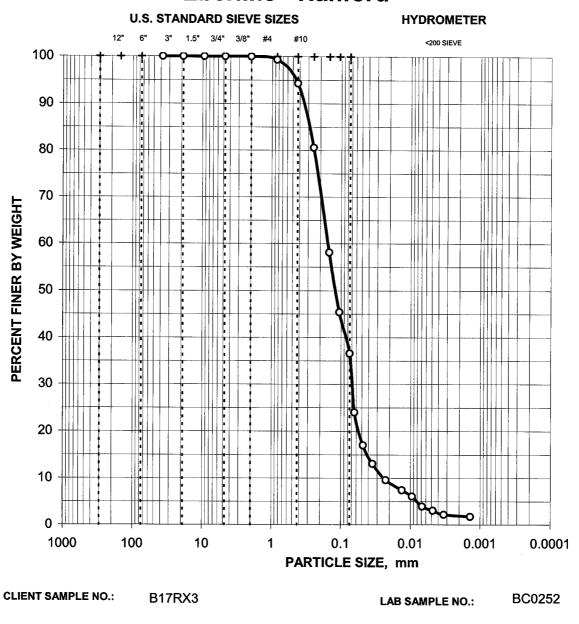
36.6% Silt/Clay

Page 8 of 14 January 29, 2004 Stephen Trent Fluor Hanford, Inc.

Shaw Project Name: Eberline Hanford Shaw Project No. 100846.03000000

SAF No. F03-025 SDG No. H2461 Shaw Geotechnical Laboratory Oak Ridge TN 865/482-6497

Eberline - Hanford



							LAD SAMFLE NO	
B O U	C O	GR	AVEL					
L D E R S	B B L E S	C O A R S E	F I N E	COARSE	M E D I U M	F N E	Silt/Clay	·

Appendix C Chain-of-Custody and Request-for-Analysis Records

PAPED FOR STATE OF MIGHT CONTINUED TRENT STEVE 373-568 PAPED FOR STATE OF MIGHT CONTINUED TRENT STEVE 373-568 SAMPIRE LICETION 20-14-15-15-25 SAMPIRE LICETION 21-16-15-25-25 SAMPIRE COME STATE OF MIGHT CONTINUED TRENT STEVE 373-568 SAMPIRE ANALYSIS PREST STEVE FOR STATE STATE OF MIGHT CONTINUED TO STATE STATE OF THE COME STATE O	FLUO	R Hanford Inc.	CI	CENTRAL PLATEAU CHAIN OF CUSTODY/SAMPLE ANA					ALYSIS REQUEST			F03-025-015		Page 1 of 1	
Project Designation Sampling Location Sampling Location Triffed Tr	Collector Pope	pristed Hughes	Whats Com	pany Contact RENT, STEVE						dinator	Price Code	8N			
Teches No. Reg 9 9 0 Field Loghopk No. Full ESS February No. Full Loghopk No.	Project Designation 200-LW-1/LW-2 (Sam	pling Location (147.5 - 150 ft)	11/24/03 (97.5-1	00]					Air Quality		45 Days		
Shipped To Shaw Group POSSIBLE SAMPLE HAZARDS/REMARKS Preservation None No	Ice Chest No.	'c99001	Field <i>1</i> 4	Logbook No.		COA	OA Method of Shipment								
Special Handling and/or Storage Type of Container No. of Container No. of Container Type of Container Type of Container No. of Container Type	Shipped To Offsite Property No.				A04	00									
Special Handling and/or Storage Type of Container Mointee Liner Resistant	POSSIBLE SAMP	LE HAZARDS/REMARKS													
Special Handling and/or Storage Type of Container No. of Containe				Preservation	None	None							-		
SAMPLE ANALYSIS Sample No. Matrix * Sample Date Sample Time B17RX3 SOIL J-10-03 IJ45 X BC 0252 71 CTO B17 R J G CHAIN OF POSSESSION Sign/Print Names Sequentials By General From John John John John John John John John	 Special Handling	and/or Storage		Type of Container	Resistant			<u> </u>							
SAMPLE ANALYSIS Mointer Content Did Stephen Period State Date Period State Date Date Date Period State Date Date Date Date Date Date Date			•	No. of Container(s)	1	1				_					
SAMPLE ANALYSIS Content	SD(1)	+ H2461		Volume	200mL	1000mI	•								
Sample No. Matrix * Sample Date Sample Time BITRX3 SOIL J-10-03 J945 BE 0252 TILETO BY RUCE CHAIN OF POSSESSION Sign/Print Names Supporting By By By Stored in J950 Received By System in J950 By		SAMPLE ANA	LYSIS		Content -	(Dry Sieve D422, Bul Density -) - k								
BITRX3 SOIL 2-10-03 1045 BC 0252 THE TO BIT RUCG THE TO BIT RUCG THE TO BIT RUCG Matrix * Selipsysted By/Removed From Date/Time Properly By/Stored In Date/Time Properly By/Stored In Date/Time Properly By/Stored In Date/Time By/F 38 3728 72 72 03 100 Relinguished By/Removed From Date/Time Received By/Stored In Date/Time Received By/Stored By/Stored In Date/Time Received By/						D2937									
CHAIN OF POSSESSION Sign/Print Names Received By/Stored In	Sample No	. Matrix *	Sample Date	Sample Time								1.1			
Received By/Removed From Date/Time Received By/Stored In Date/Time Date/Time Date/Time Date/Time Received By/Stored In Date/Time Date/Time Date/Time Date/Time Received By/Stored In Date/Time Date/Time Date/Time Date/Time Date/Time Received By/Stored In Date/Time Dat	B17RX3	SOIL	12-10-0	3 1245	X	X		В	c 0252	_	TIE	TOBI	7 R1	46	
Received By/Removed From Date/Time 15.11-03 Received By/Stored In Date/Time Received By/Stored In Date/Time Date/Time Date/Time Date/Time Date/Time Date/Time Date/Time Date/Time Date/Time Received By/Stored In Date/Time Date/T						 		1	I	, -					
Received By/Removed From Date/Time Received By/Removed From Date/Time Received By/Removed From Date/Time Date/Time Date/Time Date/Time Date/Time Date/Time Received By/Removed From Date/Time Received By/Removed From Date/Time D															
Received By/Removed From Date/Time Received By/Stored In Date/Time Date/Time Date/Time Date/Time Received By/Stored In Date/Time Date/Time Date/Time Date/Time Received By/Stored In Date/Time Date/Time Date/Time Date/Time Date/Time Received By/Stored In Date/Time Dat	CEAIN OF PO	SSESSION	Sign/Prin	it Names		SPI	CIAL INSTR	UCTION	NS.					Matrix *	
Relinquished By/Removed From Date/Time Date/Time Personnel not available to Received By/Stored In Date/Time Date/Time Date/Time Personnel not available to Received By/Stored In Date/Time Rec	7/	AFrom the Case Date/Time 1515	Received By/Sto	red In	ite/Time	51.5				, .				S=Soil	
Relinquished By/Removed From Date/Time 1-11-03 Received By/Stored In Date/Time Date/	Relinquished By/Remover				te/Time	TOO I	\mathcal{Q}	DG	# 1	1246)			SI=Sludge	
Relinquished By/Removed From Date/Time Received By/Stored In Date/Time Date/Time Personnel not available to Relinquish samples from 3728 Ref # 3Bon/2 / 12 / 23 3	Relinquished By/Removed	From Date/Time 12-11-		red In Da		7110								A=Air DS=Drum Solids	
Received by/Stored In Date/Time Received By/Stored In Substitution Personnel not available to Relinquished By/Removed From Date/Time Received By/Stored In Substitution Personnel not available to Relinquish samples from 3728 Ref # 38 on 12 / 12 / 23 / 100 Fig. 2 1	THAN MEAN	1010	CLATH			טוט								T=Tissue	
Relinquished By/Removed From Date/Time Received By/Stored In SECTION Page Received By Removed From Date/Time Property Pr				SKIL 12-12-0	03 110		turaneur ear							L=Liquid V=Vegetation	
LABORATORY Received By Relinquished By Relinqu	SIGALSMAD-121203 1100 FEDE			<u> </u>			Relinquish san	ples from	n 3728					X=Other	
LABORATORY SECTION Received By Relinquishing Date/Time /300 Mr. SECTION Final SAMPLE Disposal Method			In I do	تمامير م					And a control of the						
FINAL SAMPLE Disposal Method Disposed By Date/Time	LABORATORY	Received By Relinanth	2/15/2 One	Resv's	Title Ex	e 7						ETDC Date			
	FINAL SAMPLE		· • -			•			-		- • •	Date	e/Time		

PAGE 1

Eberline Srvces

CHAIN OF CUSTODY

ORD # R3-12-100.

12/15/03 09:39:03

WORK ID: SAF# F03-025 SDG H2461

KEEP: 01/28/05

DASH SAMPLE IDENTIFICATION

RCVD: 12/15/03 DUE: 01/29/04

TESTS

01A-S B17RX3

STORED SHAW

DISPOS E331s

RELEASED BY DATE TRANSFERRED TO DATE RECEIVED BY 12/15/03 12/15/03 SHAW Don Huskey Sta

Received (1) the @ 7 165. aprox.

BC 0252

and (1) container @ 200 g. a pprox. on 12/16/05 Via Fed Ex both samples marked BITRX3 - D. Kenlig SHAWENT/ETDC

Geolech. Lab. 12/16/03

PAGE 1 Eberline Srvces

CONTRACT: PO# RSH-SOW-93-0003

PURCHASE ORDER # R3-12-100-SU-SW 12/15/03 09:38:49

ORDER <u>Eberline</u> Services/Richmond	INVOICE Eberline Serv	vices/Richmond					
FROM Analytical Services	TO Analytical Se						
2030 Wright Avenue	2030 Wright A	-					
Richmond, CA 94804-0040	Richmond, CA						
ATTEN <u>Purchasing</u>	ATTEN Purchasing						
PHONE 510-235-2633	PHONE 510-235-2633	AUTHORIZED BY					
TO 1570 Bear Creek Road Oak Ridge, TN 37830	Please telephone our Sample Control Department immediately if any problems are encountered in the receipt or the analysis of the samples listed below.						
ATTEN Ralph R. Cole	This Purchase Order authorizes Shaw to perform all work						
	listed on the enclosed COC. Alterations to work requested can						
	only be made by Eberline Services or the appropriate Hanford client.						
	PRICE CODE	2: 8N					

FRACTION		<u>DESCRIPTION</u>	UNITS	DUE DATE .	COST
01A		D422 Particle Size-Dry Sve		03/24/50	0.00
	E333S	D2216 Moisture Content	Please Advise	09/12/50	0.00

SDG # H2461 Eberline Srvces

PAGE 1

CLIENT: WES_HANFORD CON: KCJ

WORK SHEET

CAT: ENVMSW

ORD # R3-12-100

RCVD: 12/15/03 DUE: 01/29/04

STAT: TRANSMITTED 12/15/03

DASH SAMPLE IDENTIFICATION

12/15/03 09:38:56

STORED DEPT START DUE BY TESTS, FRACTIONS /

01A-S B17RX3

PROJ: WHC_FLR

SHAW

EN 12/15 | 12/15 | DISPOS

SU SW 12/20 01/29 | E333S

WSCF ANALYTICAL RESULTS REPORT

Attention: Project:		Steve Trent F03-025: F03-025			MICOR				Gı	roup #:	WSCF20031640	
Sample #	Client ID		CAS#	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze Sample Receive
W030001139		TRENT	12587-46-1	Gross alpha	SOIL	LA-508-421		2.20	pCi/g	1.00	1.8	12/11/03 12/10/03 12/10/03
W030001139		TRENT	E.T.C	Alpha error by LC	SOIL	LA-508-421		4.4	pCifg.	1.00	00	12/11/03 12/10/03 12/10/03
	,	TRENT	12587-47-2	Gross beta	SOIL	LA-508-421		9.00	pCifg	1.00	2.7	12/11/03 12/10/03 12/10/03
W030001139		TRENT	E,T,C	Beta error by LC	SOIL	LA-508-421		4 7.2	pCi g	1.00	0.0	12/11/03 12/10/03 12/10/03

MDL=Minimum Detection Limit RQ=Result Qualifier

DF=Dilution Factor

* - Indicates results that have NOT been validated; + - Indicates more than six qualifier symbol

Report WGPP/ver. 1

Ground Water Protection Program



RICHMOND, CA LABORATORY SAMPLE RECEIPT CHECKLIST

			Saturday &	elvery	12/13	103.				
Client: Fluo	Monfor	3	Date/Time recei	ved 11/15/	103 7:1	som				
COC NO. FO3	-625-01	5		*						
Container I.D. No. ER	*		(Days) 45	P.O. Receiv	ed Yes[] No []				
		INSPECT	ON		•					
1. Custody seals of	on shipping contains	er intact?	Yes [🎾]	l oN]	N/A []				
2. Custody seals of	on shipping contains	er dated & signe	d? Yes []	No []	N/A []				
3. Custody seals	on sample container	s intact?	Yes 🔀 1	No []	N/A []				
4. Custody seals	on sample container	s dated & signed	17 Yes [-]	No [ľ	N/A []				
5. Packing materia	al is:		Wet []	Dry 17	$\boldsymbol{\mathcal{Q}}_1$					
į.	ples in shipping cor		natural springers and springer	•		•				
	tainers per sample:		(Or see C	oC)					
8. Samples are in	correct container		7	lo []						
•	ees with samples?	~	Yes [7]		•					
	Tape [] Hazaro				,					
11. Samples are:	_	•								
1	Preserved [] No			eservative						
13. Describe any a	nomalies:									
**************************************				······································						
14 Was Bill not	fled of any anomalie] No[]	Date						
14. Was P.M. noti15. Received by	As a long and mane	•	in factor	ime: 7:15	an	·····				
To. Hecavea by	-0/-			111104 7-12		***************************************				
Customer Sample_			ustomer Sample							
No.	cpm mR/hr	wipe	No.	cpm	mR/hr	wipe				
***************************************				Martin State						
		financial desiration and the second		***************************************		****				

		-		-						
		*****		***************************************	-					
• ************************************		Protestanting special photostanting protestanting protesta		***************************************	Control of the Contro					
Ion Chamber Ser. No.			Calibration date							
Alpha Meter Ser. No.	Alpha Meter Ser. No.			Calibration date						
Beta/Gamma Meter Ser. No Calibration date			***							
Form SCP-01 2 06-04	-N3		"over 50 ve	ans of quali	he munla-	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~				

From: Fred Sarao (510)235-2633 **EBERLINE SERVICES** 2030 WRIGHT AVE

RICHMOND, CA, 94804



To: Sample Control (865)482-6497 Shaw Geotechnical Lab 1570 Bear Creek Road

SHIP DATE: 15DEC03 WEIGHT: 16 LBS

DIMMED: 24 X 14 X 16

Oak Ridge, TN, 37830 Ref: 3265-003-00 AO



TRK # 7910 9233 7607 5881

TUE A2 Deliver by: 16DEC03

37830-TN-US

Shipping Label: Your shipment is complete

Concel shipment | Edit slepment information | Process another shipment | Repeat last slepment

- 1. Use the 'Print' feature from your browser to send this page to your laser or inkjet printer.
- 2. Fold the printed page along the horizontal line.
- 3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com. FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim. Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss. Maximum for items of extraordinary value is \$500, e.g. jewelry. precious metals, negotiable instruments and other items listed in our Service Guide. Written claims must be filed within strict time limits, see current FedEx Service Guide.